

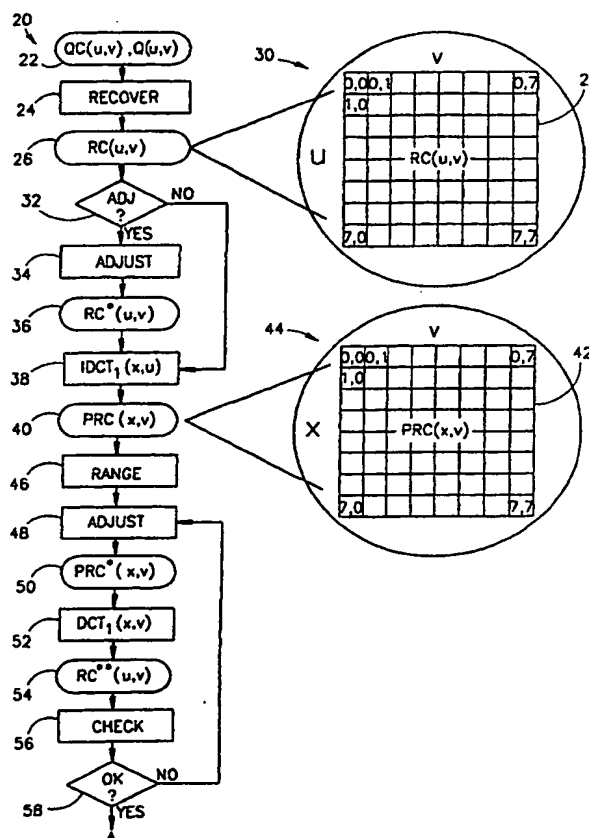


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<b>(21) International Application Number:</b> PCT/IL99/00025 <b>(22) International Filing Date:</b> 14 January 1999 (14.01.99) <b>(71) Applicant (for all designated States except US):</b> GIDEL IMAGING LTD. [IL/IL]; 14, 30825 Moshav Ein-Ayyala (IL). <b>(72) Inventors; and</b> <b>(75) Inventors/Applicants (for US only):</b> WEINTRAUB, Reuven [IL/IL]; 14, 30825 Moshav Ein-Ayyala (IL). HADANNY, Ido [IL/IL]; 6 Yarmukh Street, 55231 Kiryat-Uno (IL). <b>(74) Agents:</b> FENSTER, Paul et al.; Fenster & Company Patent Attorneys, Ltd., P.O. Box 10256, 49002 Petach Tikva (IL).		<b>(81) Designated States:</b> AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, CA, CH, CN, CU, CZ, DE, DK, EE, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MD, MG, MK, MN, MW, MX, NO, NZ, PL, PT, RO, RU, SD, SE, SG, SI, SK, SL, TJ, TM, TR, TT, UA, UG, US, UZ, VN, YU, ZW, ARIPO patent (GH, GM, KE, LS, MW, SD, SZ, UG, ZW), Eurasian patent (AM, AZ, BY, KG, KZ, MD, RU, TJ, TM), European patent (AT, BE, CH, CY, DE, DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE), OAPI patent (BF, BJ, CF, CG, CI, CM, GA, GN, GW, ML, MR, NE, SN, TD, TG).  <b>Published</b> <i>With international search report.</i>

**(54) Title:** ENHANCEMENT OF COMPRESSED IMAGES**(57) Abstract**

A method is provided for recovering an image defined as a function of image coordinates of an image space from compressed data that is a function of transform coordinates in a transform space comprising: a) transforming the compressed data using at least one partial transform to generate a set of intermediate coefficients in a space intermediate between the transform space and said image space; b) adjusting the value of at least one intermediate coefficient and using said adjusted value to generate a set of adjusted intermediate coefficients; and c) recovering the image by transforming the set of adjusted intermediate coefficients to the image space with at least one additional partial transform.



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